

ABSTRACT OF THE DISCLOSURE

Methods and apparatus for achieving a system, including: a polyphase machine having a plurality of sets of polyphase windings, each of the respective windings of a first of the sets of polyphase windings being inductively linked to one of each of the respective windings of the remaining sets of polyphase windings; a polyphase inverter operable to receive power from the windings of the first set and to produce a polyphase output; and a plurality of single-phase inverters, each operable to receive power from the windings of a respective one of the remaining sets and to produce a single-phase output, wherein each of the respective phases of the polyphase output may be coupled in series or parallel with one of the respective single-phase outputs to produce an aggregate polyphase output.

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